

**MONCEREN IM DS 1Kg (IE)**Version 1 / IRL  
1020000070451/6  
Revision Date: 12.05.2004  
Print Date: 12.05.2004**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING****Product information**

Trade name MONCEREN IM DS 1Kg (IE)  
Product code (UVP) 04368568  
Usage fungicide  
Company Bayer CropScience  
Bayer Ltd  
Chapel Lane, Swords  
CO Dublin  
Ireland

Telephone +353-1-8132222  
Telefax +353-1-8132288  
Emergency telephone number 1800-409-399

**2. COMPOSITION/INFORMATION ON INGREDIENTS****Chemical nature**

Powder for dry seed treatment (DS)  
Imazalilsulfat 0,8 %, Pencycuron 12,5 %

**Hazardous components**

| Chemical Name       | CAS-No. / EINECS-No.    | Symbol(s) | R-phrases(s)           | Concentration [%] |
|---------------------|-------------------------|-----------|------------------------|-------------------|
| imazalil-sulphate   | 83918-57-4<br>281-291-3 | Xn, N     | R20/22, R41,<br>R50/53 | 0.80              |
| Pencycuron          | 66063-05-6<br>266-096-3 |           |                        | 12.50             |
| Kaolin              | 1332-58-7               |           |                        | > 5.00 - < 25.00  |
| Alkylaryl sulfonate | 91078-64-7<br>293-346-9 | Xn        | R20/22, R41,<br>R52/53 | > 1.00 - < 5.00   |
| talc                | 14807-96-6<br>238-877-9 |           |                        | > 50.00           |

**3. HAZARDS IDENTIFICATION****Risk advice to man and the environment**

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**4. FIRST AID MEASURES****General advice**

Move out of dangerous area. If the patient is likely to become unconscious, place and transport in stable sideways position. Remove soiled or soaked clothing immediately.

**Inhalation**

Move the patient to fresh air and keep at rest. Call a physician immediately.



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### Skin contact

Wash off immediately with soap and plenty of water. Take medical treatment.

### Eye contact

In case of contact with eyes rinse thoroughly with water. Call a physician immediately.

### Ingestion

Do not induce vomiting. Wash out mouth with water. Call a physician immediately.

### Notes to physician

#### Treatment

Treat symptomatically.

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## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

water spray  
carbon dioxide (CO<sub>2</sub>)  
foam  
sand

### Specific hazards during fire fighting

In the event of fire the following can be released:  
hydrogen chloride (HCl)  
hydrogen cyanide (hydrocyanic acid)  
carbon monoxide (CO)  
nitrogen oxides (NO<sub>x</sub>)

### Special protective equipment for fire-fighters

In the event of fire and/or explosion do not breathe fumes.  
Use breathing apparatus.

### Further information

Contain the spread of the fire-fighting media.  
Do not allow run-off from fire fighting to enter drains or water courses.

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## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Avoid contact with spilled product or contaminated surfaces.  
Wear personal protective equipment. Unprotected persons must be kept away.  
Keep away sources of ignition.

### Environmental precautions

Keep people and animals away.  
Do not allow spilt product to enter soil or waterways  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Local authorities should be advised if significant spillages cannot be contained.

### Methods for cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.  
Clean contaminated floors and objects thoroughly, observing environmental regulations  
Pack spilled material in suitable containers for recovery or disposal.

### Additional advice

Information regarding personal protective equipment, see section 8.  
Information regarding waste disposal, see section 13.

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Advice on safe handling

Use only in area provided with appropriate exhaust ventilation.

Advice on protection against fire and explosion

Keep away from heat and sources of ignition.

Dust explosivity : sensitive

**Storage**

Requirements for storage areas and containers

Keep container tightly closed.

Store in original container.

Store in a place accessible by authorized persons only.

Advice on common storage

Keep away from food, drink and animal feedingstuffs.

Storage stability

Storage temperature &lt; 50 °C

Suitable materials

LDPE (low density polyethylene)

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Components with workplace control parameters**

| Components | CAS-No.    | Control parameters          | Update | Basis    |
|------------|------------|-----------------------------|--------|----------|
| Kaolin     | 1332-58-7  | 2.0 mg/m <sup>3</sup> (TWA) | 2002   | ELV (IE) |
| talc       | 14807-96-6 | 0.8 mg/m <sup>3</sup> (TWA) | 2002   | ELV (IE) |
|            |            | 10 mg/m <sup>3</sup> (TWA)  | 2002   | ELV (IE) |

**Personal protective equipment**

|                          |   |
|--------------------------|---|
| Respiratory protection   | If product is handled while not enclosed, and if skin contact may occur:<br>Dust mask |
| Hand protection          | PVC or other plastic material gloves  |
| Eye protection           | safety glasses with side-shields  |
| Skin and body protection | Light protective clothing, PVC<br>PVC boots   |

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## Hygiene measures

- Avoid contact with skin, eyes and clothing.
- Keep working clothes separately.
- Wash hands before breaks and at the end of workday.
- Remove soiled or soaked clothing immediately and clean thoroughly before using again.
- Garments that cannot be cleaned must be destroyed (burnt).

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**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

|        |                                |
|--------|--------------------------------|
| Form   | solid, powder                  |
| Colour | red                            |
| Odour  | slight or weak, characteristic |

**Safety data**

|                      |  |
|----------------------|--|
| Dust explosion class | capable of causing a dust explosion (modified Hartmann tube, ignition with continuous spark generator) |
| Water solubility     | not dispersible  |
| Impact Sensitivity   | Not impact-sensitive   |
| Combustion number    | CN3 Local combustion without spreading   |

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**10. STABILITY AND REACTIVITY**

|                       |  |
|-----------------------|--|
| Conditions to avoid   | Extremes of temperature and direct sunlight.   |
| Materials to avoid    | None   |
| Thermal decomposition | from 140 °C<br>Exothermic decomposition  |
| Hazardous reactions   | No hazardous reactions when stored and handled according to prescribed instructions.<br>Stable under recommended storage conditions. |

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**11. TOXICOLOGICAL INFORMATION**

|                           |   |
|---------------------------|---|
| Acute oral toxicity       | LD50 (rat) > 5,000 mg/kg  |
| Acute inhalation toxicity | LC50 (rat) > 0.401 mg/l<br>Tested in the form of respirable fine dust.<br>Highest attainable concentration. |
| Acute dermal toxicity     | LD50 (rat) > 5,000 mg/kg  |
| Skin irritation           | non-irritant (rabbit)   |



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|               |                     |
|---------------|---------------------|
| <b>GGVS</b>   | Not dangerous goods |
| <b>IATA_C</b> | Not dangerous goods |
| <b>IATA_P</b> | Not dangerous goods |
| <b>IMDG</b>   | Not dangerous goods |
| <b>RID</b>    | Not dangerous goods |

**15. REGULATORY INFORMATION**

Classification and labelling in accordance with the EC Directive on dangerous preparations 1999/45/EC as amended.

Hazardous components which must be listed on the label:

- imazalil-sulphate
- Pencycuron

R-phrase(s)

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Exceptional labelling of special preparations

Restricted to professional users.

To avoid risks to man and the environment, comply with the instructions for use.

Further information

WHO-classification: III (Slightly hazardous)

**16. OTHER INFORMATION****Further information**

Text of R phrases mentioned in Section 2:

|        |  |
|--------|--|
| R20/22 | Harmful by inhalation and if swallowed.  |
| R41    | Risk of serious damage to eyes.  |
| R50/53 | Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.    |

The information given in this Data Sheet has been included in accordance with the guidelines established by EC Directive 1991/155/EC as amended. This data sheet complements the user's instructions, but does not replace them. The information it contains is based on the knowledge available about the product concerned at the time it was compiled. Users are further reminded of the possible risks of using a product for purposes other than those for which it was intended. The required information complies with current EEC legislation. Addressees are requested to observe any additional national requirements.

Changes since the last version will be highlighted in the margin. This version replaces all previous versions.